

AZ63B Pre-packaged Magnesium Anode

Sacrificial Magnesium suitable applies in the fields of anticorrosion.
Such as: oil, gas, water transmission in underground or fresh water.
underground cable, Chemical industry, communication, bay,
watercraft and reservoir strobe.



MATERIAL SPECIFICATIONS

Physical Properties

Type	D type
Net Bare Weight	7.7kg
Bare Dimension	640*88*95
Packaged Weight	21KG
Cable Type and length	1X16 Sq.mm Cu/XLPE/PVC, 10 mt (Red/Black Color)

Electrochemical Properties

Type	AZ63B
OCP(-V vs. Cu/CuSO ₄)	1.57-1.67
Current Capacity (A.h/kg vs. Cu/CuSO ₄)	≥ 1210
Current Efficiency (% vs. Cu/CuSO ₄)	≥ 55

Chemical Composition

Element	Content wt%
Al	5.3-6.7
Mn	0.25-0.6
Zn	2.5-3.5
Si	0.08
Cu	0.01
Ni	0.001
Fe	0.003
Other total	0.30
Mg	Balance

Backfill Composition

Element	Content wt%
Hydrated Gypsum	75.0
Granular Bentonite	20.0
Sodium Sulphate	5.0